



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/813,856

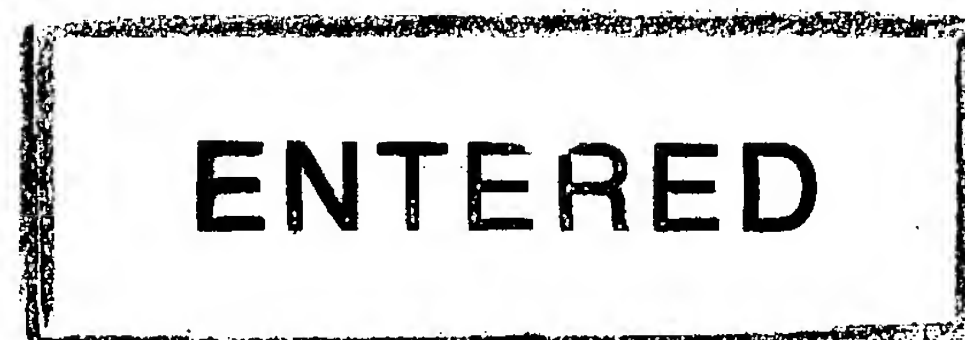
DATE: 09/01/2004

TIME: 12:55:05

Input Set : N:\Crf3\RULE60\10813856.raw

Output Set: N:\CRF4\09012004\J813856.raw

1 <110> APPLICANT: Lappi, Douglas A.
 2 Wiley, Ronald G.
 3 <120> TITLE OF INVENTION: Substance P-Saporin (SP-SAP) Conjugates And Methods Of
 4 Use Thereof
 5 <130> FILE REFERENCE: 53984-A/PJP
 6 <140> CURRENT APPLICATION NUMBER: US/10/813,856
 7 <141> CURRENT FILING DATE: 2004-03-04
 8 <150> PRIOR APPLICATION NUMBER: US/09/523,790
 9 <151> PRIOR FILING DATE: 2000-03-13
 10 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/890,157
 W--> 11 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-09
 12 <160> NUMBER OF SEQ ID NOS: 5
 13 <170> SOFTWARE: PatentIn Ver. 2.1
 15 <210> SEQ ID NO: 1
 16 <211> LENGTH: 19
 17 <212> TYPE: PRT
 18 <213> ORGANISM: Artificial Sequence
 19 <220> FEATURE:
 20 <223> OTHER INFORMATION: Xaa = Sar
 21 <220> FEATURE:
 22 <223> OTHER INFORMATION: Description of Artificial Sequence: Substance P
 23 analog
 24 <400> SEQUENCE: 1
 25 Cys Tyr Gly Gly Gly Gly Gly Gly Arg Pro Lys Pro Gln Gln Phe Phe
 26 1 5 10 15
 W--> 27 Xaa Leu Met
 29 <210> SEQ ID NO: 2
 30 <211> LENGTH: 19
 31 <212> TYPE: PRT
 32 <213> ORGANISM: Artificial Sequence
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: Description of Artificial Sequence: Substance P
 35 analog
 36 <400> SEQUENCE: 2
 37 Cys Tyr Gly Gly Gly Gly Gly Gly Arg Pro Lys Pro Gln Gln Phe Phe
 38 1 5 10 15
 39 Gly Leu Met
 41 <210> SEQ ID NO: 3
 42 <211> LENGTH: 10
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Artificial Sequence
 45 <220> FEATURE:
 46 <223> OTHER INFORMATION: Description of Artificial Sequence: Substance P



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47      analog
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Xaa = Sar
50 <400> SEQUENCE: 3
W--> 51      Cys Tyr Gly Gly Gly Gly Gly Gly Xaa Met
52          1              5              10
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 11
56 <212> TYPE: PRT
57 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence: Substance P
60 <400> SEQUENCE: 4
61      Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met
62          1              5              10
64 <210> SEQ ID NO: 5
65 <211> LENGTH: 21
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Xaa = PyS
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Substance P
72      analog
73 <400> SEQUENCE: 5
W--> 74      Asn Xaa Cys Tyr Gly Gly Gly Gly Gly Gly Arg Pro Lys Pro Gln Gln
75          1              5              10              15
76      Phe Phe Gly Leu Met
77          20

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/813,856

DATE: 09/01/2004
TIME: 12:55:06

Input Set : N:\CrF3\RULE60\10813856.raw
Output Set: N:\CRF4\09012004\J813856.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 17
Seq#:3; Xaa Pos. 9
Seq#:5; Xaa Pos. 2

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 3

VARIABLE LOCATION SUMMARY

DATE: 09/01/2004

PATENT APPLICATION: US/10/813,856

TIME: 12:55:06

Input Set : N:\Crf3\RULE60\10813856.raw

Output Set: N:\CRF4\09012004\J813856.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:1; Xaa Pos. 17

Seq#:3; Xaa Pos. 9

Seq#:5; Xaa Pos. 2

VERIFICATION SUMMARY

DATE: 09/01/2004

PATENT APPLICATION: US/10/813,856

TIME: 12:55:06

Input Set : N:\Crf3\RULE60\10813856.raw

Output Set: N:\CRF4\09012004\J813856.raw

L:11 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:27 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:1
L:27 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:1
L:27 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:16
L:51 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:3
L:51 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:3
L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:74 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:5
L:74 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:5
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0